

Name: _____

Class: _____

ACTIVITY SHEET

Chapter 13 Revision

Use this revision sheet to check your understanding and guide your revision. Identify any concepts, models or other content that require more study, and then plan your study approach.

By the end of this chapter **you should know:**

	Revise	Complete
Classification of disease according to how far it spreads		
Disease transmission: features of the pathogen		
Disease transmission: features in the environment		
Disease transmission: features of the host and movement of individuals		
Preventing the spread of disease: hand hygiene, immunisation and quarantine		
Monitoring of disease nationally and internationally		
Managing an outbreak		
Epidemiology for non-infectious disease		

By the end of this chapter **you should be able to:**

	Revise	Complete
Contrast the terms endemic, epidemic and pandemic		
Summarise the features of a pathogen that affect its transmission; include descriptions of infectivity and virulence		
List the features in the environment that affect disease transmission; include descriptions of infrastructure and climate		
List the features of a host that affect disease transmission, including how movement of individuals can facilitate spread of a disease		
Explain how hand washing reduces mortality and spread of infection		
Define 'nosocomial infection'		
Explain how immunisation reduces mortality and spread of infection		
Define 'herd immunity'		
Explain the arguments for and against immunisation		
Describe the quarantine process for humans and other animals		
List the authorities responsible for monitoring disease within Australia and on a global level		
Define 'notifiable disease'; include some examples of notifiable diseases in Australia		
Describe the digital disease surveillance mechanisms used to complement medical disease monitoring		
Define 'case definition'; include the information included in a case definition		
Summarise the steps used to identify an outbreak, the number of people affected and the index case		

	Revise	Complete
Define 'contact tracing' and 'index case'		
Explain how epidemiology can be used to monitor non-infectious diseases both within a country and globally		